CLAIMS

What is claimed is:

We claim:

1. An apparatus, comprising:

a computer readable media; and

a program written in a page description language and embedded on the computer readable media, the program to provide instructions, which when executed by a machine, cause the machine to display and to manipulate a bitmap image within a window in a network system, the bitmap image having a hierarchical system of folders associated with the bitmap image.

2. The apparatus of claim 1, wherein the hierarchical system of folders comprise the image having a folder, the folder having content, and the content being within the folder.

3. The apparatus of claim 2, wherein content is one in a group consisting of a subfolder, a graphic object, a text document, a hyperlink, a border information, an image map, or an image address.

4. The apparatus of claim 1, wherein the network system is one in a group of a client server system, a World Wide Web, an Internet, a mobile phone network, a first device in communication with a second device.

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5. The apparatus of claim 1, wherein to manipulate is one in a group consisting of to zoom in on the bitmap image, to zoom out from the bitmap image, to select a region of interest of the bitmap image, to restore an initial view of the bitmap image, to pan the bitmap image, to link to the bitmap image, to stretch the bitmap image, to center the bitmap image in the window, to reset/undo an operation performed on the bitmap image, to magnify the bitmap image, to move left on the bitmap image, to move right on the bitmap image, to move up on the bitmap image, or to move down on the bitmap image.

8. The apparatus of claim 1, wherein the bitmap image further comprises a bitmap image having multiple levels of resolution.

6. The apparatus of claim 1, further comprising instructions, which when executed by the machine, cause the machine to scale the bitmap image to a new size with data stored in the cache until the program decodes data corresponding to the new size.

7. The apparatus of claim 1, further comprising instructions, which when executed by the machine, cause the machine to establish a predetermined setting, the predetermined setting having a value below the value of the predetermined setting a representation of an object is displayed and above the value of the predetermined setting the object is displayed.

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8. The apparatus of claim 7, wherein the object is one in a group consisting of the bitmap image, a folder, content associated with the bitmap image, or content associated with the folder.

9. A method, comprising:

creating a window, the window being defined by a page description language;

displaying in the window a bitmap image having a hierarchical system of folders associated with the bitmap image; and

enabling manipulation of the bitmap image in the window.

10. The method of claim 9, further comprising:

concurrently displaying in the window multiple bitmap images.

11. The method of claim 9, further comprising:

scaling the bitmap image to a new size with data stored in a cache until a program decodes data corresponding to the new size from an image database.

12. The method of claim 9, wherein the bitmap image further comprises a bitmap image having multiple levels of resolution.

13. The method of claim 9, wherein the bitmap image further comprises a bitmap image that was compressed according to a block based integer wavelet transform coding scheme.

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14. The method of claim 9, further comprising:

displaying a representation of an object in the window when a value is below a predetermined setting and displaying the object in the window when the value is above the predetermined setting.

15. An apparatus, comprising:

an image viewer to display and to enable manipulation of a bitmap image within a window in a network system, the bitmap image having a hierarchical system of folders associated with the bitmap image.

16. The apparatus of claim 15, wherein the network system is one in a group of a client server system, a World Wide Web, an Internet, a mobile phone network, a first device in communication with a second device.

17. The apparatus of claim 15, wherein the hierarchical system of folders comprise the image having a folder, the folder having content, and the content being within the folder.

18. The apparatus of claim 15, further comprising a predetermined setting to cause a client to request more data for the displayed image appearing in the window.

19. The apparatus of claim 15, wherein the predetermined setting is one in a group consisting of a level of zoom, a predetermined resolution level, a size of the image, a percentage of a full sized original image, or a display level.

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20. The apparatus of claim 15, further comprising the predetermined setting having a value, below the value of the predetermined setting a representation of an object is displayed and above the value of the predetermined setting the object is displayed.

21. The apparatus of claim 20, wherein the object is one in a group consisting of the displayed image, a folder, content associated with the displayed image, or content associated with the folder.

22. The apparatus of claim 15, wherein the predetermined setting comprising a value set at the time of the creation of the web page.

23. The apparatus of claim 15, wherein the image viewer further comprises a module to concurrently display multiple bitmap images in a single window, each bitmap image having a separate data file.

24. An apparatus, comprising:

means for creating a window, the window being defined by a page description language;

means for displaying in the window a bitmap image having a hierarchical system of folders associated with the bitmap image; and

means for enabling manipulation of the bitmap image in the window.

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25. The apparatus of claim 24, further comprising:

means for concurrently displaying in the window multiple bitmap images the hierarchical system of folders associated with the bitmap image.

26. The apparatus of claim 24, further comprising:

means for scaling the bitmap image to a new size with data stored in a cache until a program decodes data corresponding to the new size from an image database.

27. The apparatus of claim 24, further comprising:

means for displaying the bitmap image at different resolution levels in the window.

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